

The Effect of Adenosine Triphosphate and
the Products of Its Dissociation of Isolated
Frog Heart, by F. D. Sheikhon,
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Niologiy i Meditsiny, Vol XXI, No 5, 1946,
pp 40-45.
CFSTI TT 65-63253

Sci-B&M
Jun 67

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On the Question of the Mechanism of Impulse-Transmission from Nerve to Muscle, by F. N. Serkov, 5 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XXIII, No 1, 1947- pp 32-35.

NIH Tr 5-69

Sci - Med
May 58

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Derivatives of Carbamic Acid and Mutations, by I. A.
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OTS 61-11477
PL-480

Sci - Biol

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Aug 62

PST 531

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3 pp

"Reaction of Botulinus Toxin on the Vascular Tissues of
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K. I. Matveyev

2671.1f

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T. C. 11 May 1948

Obtaining Dry Crystals of Pure Proteins, by
V. N. Orekhovich, A. A. Tustanovskiy, 3 pp.

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Vol XXIII, No 3, 1947, pp 197,198.

CIA 9006748

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Sci - Chemistry
Oct 56 CTS

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Derivatives of Carbamic Acid and Mutations, by
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type 3-11-61
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*PL 480
NLM

Mar 61

6 11-61-11
6 PST 531

Effect of Ascorbic Acid on the Activity of
Salivary and Intestinal Glands in Conditions of
Anoxia, by S. I. Filippovich. 8 pp.

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P100051666

FTD-TT-65-1646

Sci/SGM

Oct 66

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Effect of Vitamin B₁ on the Activity of Salivary
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P100051266

FTD-TT-65-1647

DBI/BGM

Oct 66

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SLA 60-10104

Sci

May 60

Vol 3, No 4

116, 705

Contents of Sugar, Glucose and Lactic Acid in the
Brain in the Process of Fading and Regeneration of
Physiological Functions, by M. G. Gayevskaya, 5 pp.

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CIA/RDD X-3283

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Feb 59

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Regulation of Respiration in the Case of Oxygen
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UNCLASSIFIED

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Jan 1954.

AF 637690

Scientific - Medicine

The Hyaluronidase Activity of Human Urine,
by A. G. Ginetsinskiy, A. Ya. Broitman.
RUSSIAN, per, Byulleten Eksperimentalnoy
Biologiy i Meditsiny, Vol 38, No 8,
1954, pp 37-39.
NTC 69-12496-06P

Sci-B&M
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Regarding Thermal Regulation in Hypoxia: The
Effect of General Cooling on Cats in Hypoxia,
by Ye. V. Gubler. UNCLASSIFIED

RUSSIAN, per, By Ek Biol I Med, Vol XXXVII, No 2,
Feb 1954.

AF 637690

Scientific - Biology
Medicine

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Savateev, N. V.
ANTAGONISTIC ACTION OF CHOLINOLYTIC AND
ANTICHOLINESTERASE COMPOUNDS ON THE AC-
TIVITY OF THE HIGHER NERVOUS SYSTEM IN
MAN AND ANIMALS. [1961] 8p.
Order from OTS or SLA \$1.10

62-10460

Trans. of Byull[eten'] Eksp[erimen]t[a]l'noi Biol[ogii]
i Meditsiny [USSR] 1954, v. 37, no. 2, p. 7-12.

DESCRIPTORS: *Drugs, *Pharmacology, *Acetycho-
lines, *Cholinesterase, *Conditioned reflex, Curare,
Atropine, *Nervous system, Physostigmine,
Bromides.

The activity was investigated of a new synthetic cholino-
lytic compound, pentaphen (parpanite, panparnite) a
(Biological Sciences--Pharmacology, TF, v. 8, no. 3)
(over)

62-10460

I. Mikhel'son, M. Ya.
II. Rozhkova, E. K.
III. Savateev, N. V.

Office of Technical Services

(FDD 21293)

A Method of Producing Experimental Pneumonia,
by D. S. Sarkisov, 4 pp.

RUSSIAN, no per, Byul Eksper Biol i Med,
Vol XXXVII, No 2, Moscow, Feb 1954, pp 74, 75.

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Sci - Medicine, pneumonia

CIA/FDD, U-6090

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Fedorchuk, E. S.
PARTICIPATION OF REFLEX MECHANISMS IN THE
ACTION OF NICOTINE ON BLOOD PRESSURE. 1962.
8p.
Order from K-H \$10.00

K-H 3374-a

Trans. of ~~Byulleten' Eksperimental'noi Biologii~~
~~i Meditsiny~~ (USSR) 1954, v. 37, no. 6, p. 7-11.

DESCRIPTORS: *Blood pressure, *Nicotine, Condi-
tioned reflex, *Tobacco.

(Biological Sciences--Pathology. TT, v. 7, no. 12)

62-12760

I. Fedorchuk, E. S.
II. K-H-3374-a
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Detroit, Mich.

Office of Technical Services

Ratner, M. Y.
ON THE MECHANISM OF INCLUSION OF THE
KIDNEY IN THE PATHOGENESIS OF EXPERIMEN-
TAL NEUROGENIC HYPERTENSION; FORMATION
OF RENIN AFTER DENERVATION OF THE
KIDNEYS AND IN EXPERIMENTAL NEUROGENIC
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7p. (2 tables 1 fig. omitted) 5 refs.
Order from LC or SLA m\$1.80, ph\$1.80 61-10872

Trans. of Byull[etn'] Eksperimental'noy Biol[ogii]
Med[itsiny] (USSR) 1954, v. 37, no. 7, p. 23-26.

151876

61-10872

1. Hypertension--Physiological factors
2. Kidneys--Pathology
1. Ratner, M. Y.

Office of Technical Services

(Biological Sciences--Pathology, TT, v. 5, no. 9)

Arshavskii, I. A.

SOME CHARACTERISTICS OF THE CURVE OF
WEIGHT CHANGES IN NEWBORN RABBITS AND
WHELPS. [1963] 5p. 3 refs.
Order from OTS or SLA \$1.10

63-16515

Trans. of Byulleten' Eksperimental'noi Biologii i
Meditsiny (USSR) 1954, v. 38 [no. 8] p. 63-65.

DESCRIPTORS: *Body weight, Rabbits, Dogs, Growth,
Infants, *Feeding.

(Biological Sciences--Physiology, TT, v. 10, no. 8)

63-16515

I. Arshavskii, I. A.

Office of Technical Services

(FDD 25852)

Parabiatic Stages of the Electrical Processes
in the Human Cerebral Cortex in the Presence of
the Development of Sleep Inhibition, by P. I.
Gulyayev, 6 pp.

RUSSIAN, no per, Byul Eksper Biol i Medk
XXXVIII, No 9, Moscow, Sep 1954, pp 3-6

CIA/FDD/U-7842

32, 159

USSR

Sci - Medicine, neurophysiology

(FDD 25059)

Significance of the Angioreceptors in the Mechanism
of the Hyperglycemic and Hypertensive Action of
Adrehalin, by F. Ya. Berenshteyn, I. A. Ebel'shteyn,
13 pp.

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USSR

Sci - Medicine, pharmacology

Mechanism of Venous Outflow From the Cranium, by
K A. A. Kedrov, A. I. Naumenko, et al, 7 pp.
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No 9, 1954, pp 10-14.

NAS A TT F-163

Sci - B & M S ci
Mar 64

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(FDD 25860)

Changes in the Electrocardiogram in the Presence of
Oxygen Deprivation Evoked by Poisoning With Sodium
Nitrate, by Ya. M. Brit'yan, A. G. Kubin, 13 pp

RUSSIAN, no per Byul Eksper Biol i Med, Vol XXVIII,
No 9, Moscow, Sep 1954, pp 18-23

CIA/FDD/U-7844

32,155

USSR

Sci - Medicine, toxic

(FDD 25861)

Influence of Denervation on the Development of
Necrosis in the Presence of the Intradermal
Introduction of a Staphylococcus Culture Into
Rabbits, 7 pp.

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XXXVIII, No 9, Moscow, Sep 1954, pp 24-26

CIA/FDD/U-7846

USSR
SCI - Medicine, neurosurgery

32,229

(FDD 25862)

The Question of the Role of the Central Nervous
System in the Development of Muscular Contractions,
By L. I. Levi, 5 pp.

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CIA/FDD/U-7846

USSR

Sci - Medicine, neurophysiology

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Oyvin, 11 pp.

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SIA R-3515

Sci

Aug 59

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(FDD 2/003)

Influence of Protein Sensitization of the Chemical
Reactivity of the Skin and Its Relation to Non-
specific Stimuli, by I. A. Oyvin, 6 pp.

RUSSIAN, no per, Bvul Eksper Biol i Med, Vol XXXVIII,
No 9, Moscow, Sep 1954, pp 56-58

CIA/FDD/U-7247

32,503

USSR

Sci - Medicine, neurophysiology

(FDD 25864)

Species Specific Antigenic Substances in the Cells
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RUSSIAN, no per, Byul Biol i Med, Vol XXXVIII,
No 9, Moscow, Sep 1954, pp 62-64.

CIA/FDD/U-7848

USSR

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Sci - Medicine, physiology, oncology

V
(FDD 25865)

Influence of Heterotransplantation on the Biological
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11 pp.

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CIA/FDD/U-7349

USSR

Sci - Medicine, physiology

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(FDD 25866)

The Mechanism of the Protective Action of Novocaine
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Skin, by A. A. Braun, I. F. Prizhivoyt, 11 pp.

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No 9, Moscow, Sep 1954, pp 73-76.

CIA/FDD/J-7850

USSR

Sci - Medicine, neurophysiology

32,508

(FDD 25867)

Method of Investigating the Tactile and Pain
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RUSSIAN, no per, Byul Eksper Biol i Med,
Vol XXXVIII, No 9, Moscow, Sep 1974, pp 77, 78.

CIA/FDD/U-7851

32,802

USSR

Sci - Medicine, neurophysiology

(FDD 25695)

Role of the Cerebral Hemispheres in Compensating
Flight Function of Birds Following Damage to the
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RUSSIAN, no per, Byul Ekspri Biol i Med, Vol XXXVIII,
No 10, Moscow, Oct 1954, pp 3-6.

CIA/FDD/U-7361

USSR

Sci - Medicine, veterinary
CIS 73 Oct :55

29,167

(FDD 25696)

Conditioned Reflex: Diminution of the Production and Secretion of the Thyrotropic Hormone of the Anterior Lobe of the Hypophysis of Rats, by Yu. B. Skebel'skaya, 10 pp.

RUSSIAN, no per, Byul Eksper Biol i Med, Vol XXXVIII, No 10, MOSCOW, Oct 1954, pp 6-10.

CIA/FDD/U-7362

29,166

USSR

Sci - Medicine, veterinary

CTS 73 Oct 55

(FDD 25697)

Problem of the Participation of the Liver in
Regulating the Composition of the Blood, by O. I.
~~MOISEYENKO~~ Moiseyena, 7 pp. *

RUSSIAN, no per, Byul' Eksper Biol i Med, Vol XXXVIII,
No 10, Moscow, Oct 1954, pp 19-21.

CIA/FDD/U-7363

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USSR

Sci - Medicine, physiology, pharmacology
CTS 73 Oct 55

(FDD 25698)

Glycogen Content of Uterine Muscle in Various
Functional States, by N. L. Vasilevskaya, 9 pp.

RUSSIAN, no per, Byul' Eksper Biol i Med,
Vol XXXVIII, No 10, Moscow, Oct 1954, pp 36-40.

CIA/FDD/U-7364

29097

USSR

Sci - Medicine, physiology pharmacology

CTS 73 Oct 55

(FDD 25699)

Action of Analgesics and Certain Other
Substances in Experimental Thermal Burns,
by E. N. Guseva, 7 pp.

RUSSIAN, no per., Byul' Eksper Biol i Med.,
Vol XXXVIII, No 10, Moscow, Oct 1954,
pp 56-58.

USSR

29/58 CIA/FDD/U-7365
Sci - Medicine, physiology, pharmacology

CTB 73 Oct 55

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(FDD 25700)

On the Problem of the Regulation of the Rate of
Cellular Fission by the Nervous System, by M. A.
Vorontsova, S. L. Blyakher, N. P. Bochkova, 10 pp.

RUSSIAN, no per, Byul' Eksper Biol i Med,
Vol XXXVIII, No 10, Moscow, Oct 1954, pp 65-69.

CIA/FDD/U-7366

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USSR

Sci - Medicine, physiology, pharmacology

CTS 73 Oct 55

(FDD 25701)

Electrophoretic Research on the Protein Fraction
of Muscles, by M. F. Bondarenko, 8 pp.

RUSSIAN, no per, Byul' Eksper Biol i Med,
Vol XXXVIII, No 10, Moscow, Oct 1954, pp 70-73.

CIA/FDD/U-7367

29, 144

USSR

Sci - Medicine, physiology, pharmacology

CTS 73 Oct 55

(FDD 25702)

Obtaining Radioautographs of Tissues and Organs
on a Photographic Plate, by N. N. Belavina, 8 pp.

RUSSIAN, no per, Byul' Eksper Biol i Med, ~~XXX~~
Vol XXXVIII, No 10, Moscow, Oct 1954,
pp 76-78.

29,145

CIA/FDD/U-7368

USSR

Sci - Medicine, physiology, pharmacology

CTS 73 Oct 55

(FDD 25761)

On the Direct Effect on the Central Nervous System
of Novocaine Introduced Into the Blood Stream, by
N. V. Kaverina, B. M. Khayutin, 11 pp.

RUSSIAN, no par, Bulleten' Eksperimental'noy
Biol i Med, Vol XXXVIII, No 11, Moscow 1954, pp 14-18

33,070

CIA/IDD/U-7896

USSR

Sci - Medicine, pharmacology

(FDD 25762)

Investigation of the Mechanisms of Chemoreception,
Report No 6, by B. A. Lebedeva, 15 pp.

RUSSIAN, no per, Byul Eksper Biol i Med, Vol
XXXVIII, No 11, Moscow, 1954, pp 19-27.

CIA/FDD U-7727

USSR

Sci - Medicine, pharmacology

33,600

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(FDD 25763)

On the Effect of Dynamic and Static Stress on the
Motor and Sensory Subordinating Chronaxie, by
V. N. Alifanov, 7 pp.

RUSSIAN, no per, Byul Eksper Biol i Med,
Vol XXXVIII, No 11, Moscow, NOV 1954, pp 27-30.

CIA/FDD U-7928

USSR

Sci - Medicine, pharmacology

33,599

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The Electrogram of the Heart With Certain Metabolic Changes in the Cardiac Tissue (Effect of Adenosine ~~Tri~~ Triphosphate), by N. A. Kelareva, 9 pp.

RUSSIAN, no per, Byul Eksper Biol i Med, Vol XXXVIII, No 11, Moscow, Nov 1954, pp 31-34.

CIA/FDD U-7929

USSR
Sci - Medicine, pharmacology 33,575

(FDD 25765)

The Change in the Response Reaction of the Vascular and Respiratory Centers to Stimulation of the Sclatic Nerve After Death and Subsequent Revival, by Ye. M. Smirenskaya, N. M. Ryabova, 11 pp.

RUSSIAN, no per, Byul Eksper Biol i Med, Vol XXXVIII, No 11, Moscow, Nov 1954, pp 35-39.

~~CIA/FDD U-7930~~

USSR

Sci - Medicine, pharmacology

33,597

(FDD 25766)

Permeability of the Capillaries After Peptone Shock (Speed of Disappearance From the Blood Stream of Protein Labelled With Iodine-131 After Peptone Shock), by V. V. Bakanskaya, 8 pp.

RUSSIAN, no par, Byul Eksper Biol i Med, Vol XXXVIII, No 11, Moscow, Nov 1954, pp 39-42.

CIA/FDD U-7931

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Sci - Medicine, pharmacology

23,634

(FDD 25767)

Electrophoretic Investigation of the Protein Fraction
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RUSSIAN, no per, Byul Eksper Biol i Med, Vol XXXVIII,
No 11, Moscow, 1954, pp 43-46.

CIA/FDD U-7932

USSR

Sci - Medicine, pharmacology

33,633

(FDD 25768)

On the Common Nature of the Cancer Specificity of
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13 pp.

RUSSIAN, no per, Byul Eksper Biol i Med, Vol XXXVIII,
No 11, Moscow, Nov 1954, pp 53-58.

CIA/FDD U-7933

USSR

Sci - Medicine, pharmacology

33,632

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(FDD 25769)

Development of the Virus of Smallpox Vaccine Outside
the Organism, by M. D. Skobel'skiy, 9 pp.

RUSSIAN, no per, Byul Eksper Biol i Med, Vol
XXXVIII, No 11, Moscow, 1954, pp 66-70.

CIA/FDD U-7934

USSR

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Sci - Medicine, pharmacology

33,631

V
(FDD 25770)

Integration of Bioelectric Activity of the Brain and
the Obtaining of compressed Oscillograms in Man,
by G. A. Shminks, 6 pp.

RUSSIAN, no per, Byul Eksper Biol i Med., Vol XXXVIII,
No 11, Nov 1954, Moscow, pp 71-73.

CIA/FDD U-7935

USSR

Sci - Medicine, pharmacology

33,630

(FDD 25500)

Interceptive Influences of the Urinary System on
Blood Pressure and Respiration in Ontogenesis, by
L. Ye. Pal'gova, 9 pp.

RUSSIAN, no per, Byul' Ekspër Biol i Med, Vol XXXVIII,
No 12, Moscow, Dec 1954, pp 3-6.

CIA/FDD/U-7600

USSR

Sci - Medicine, neurophysiology

31,614

Jan 56 CTS

(FDD 25587)

On the Question of the Word as a Conditioned Stimulus,
by L. A. Shvarts, 7 pp.

RUSSIAN, no per, Byul Eksper Biol i Med, Vol XXXVIII,
No 12, Moscow, Dec 1974, pp 15-18.

CIA/FDD/U-7691

USSR

Sci - Medicine, neurophysiology

31,613

Jan 55 CTS

(FDD 25588)

Electrophoretic Investigation of Protein Fractions of
Blood Serum Following Fractures, by B. S. Kasavina, V.
Z. Gorkin, 11 pp.

RUSSIAN, no per, Byul Eksper i Med, Vol^X XXVIII, No 12,
Moscow, Dec 1954, pp 38-42.

CIA/FDD/J-7692

USSR

Sci - Medicine, neurophysiology

31,601

Jan 56 . CTS

(FDD 25589)

The Reflex Mechanism of the Elaboration of Antibodies.
Report II. Dermal and Vascular Receptors as the
Initial Link in the Immunobiological Reflex, by A.
N. Gordeyenko, R. B. Taynkalovskiy, ⁸ A. S. Saitov,
8 pp.

RUSSIAN, no per, Byul Eksper Biol i Med, Vol LXXVIII,
No 12, Moscow, Dec 1954, pp 45-48

CIA/FDD/U-7693

USSR

Sci - Medicine, neurophysiology

31,602

Jan 56 (TS)

(FDD 25590)

Changes in the Interneuronal Connections of the Cerebral
Cortex During Certain Intoxications, by M. S. Tol'skaya,
11 pp.

RUSSIAN, no per, Byule Eksp. Biol i Med, Vol XXXVIII,
No 12, Moscow, Dec 1954, pp 53-57

CIA/FDD/U-7694

USSR

Sci - Medicine, neurophysiology

31,600

Jan 56 CTS

(FDD 25591)

Plethysmography of the Brain in the Chronic Experiment,
by V. P. AVROZOV, 7 pp.

RUSSIAN, no per, Byul Eksper Biol i Med, Vol XXXVIII,
No 12, Moscow, Dec 1954, pp 66-68

CIA/FDD/U-7695

USSR

Sci - Medicine, neurophysiology 31,599

Jan 56 CTS

Kvasov, D. G. and Trofimova, T. A.
ONE OF THE CONDITIONS FOR THE TRANSFER OF
VASCULAR REFLEXES FROM PRESSOR INTO DE-
PRESSOR. [1962] 5p. (figs. omitted).
Order from OTS or SLA \$1.10

62-20177

Trans. of Byull[eten'] Eksperimental'noi Biol[ogii] i
Med[itsiny] (USSR) 1955, v. 39, no. 1, p. 19-21.

DESCRIPTORS: Reflexes, *Cardiovascular system,
*Stimulation, *Nerves, Legs, *Blood pressure, Auto-
nomic nervous system, Adaptation (Physiology).

This investigation attempts to establish the role of
interoceptive stimulation in determining the nature of
the vascular reaction to stimulation of the sciatic
nerve. (Author)

(Biological Sciences--Physiology, TT, v. 9, no. 5)

62-20177

1. Title: Sciatic Nerve
- I. Kvasov, D. G.
- II. Trofimova, T. A.

Office of Technical Services

(FDD 27576)

Prevention of Arecoline and Nicotine Spasms in
Rabbits With Cholinolytic Substances, by E. V.
Zaymal, 8 pp.

RUSSIAN, no per, Byul Eksp. Biol. i Med. Vol XXXIX,
No 1, Moscow, Jan 1955, pp 42-45.

CIA/ FDD U- 8327

35, 279

USSR

Sci - Medicine, pharmacology

May 56

62-10713

Trofimova, T. A.

TRANSFORMATION OF REFLEX REACTIONS OF
THE CARDIOVASCULAR SYSTEM FROM PRES-
SOR TO DEPRESSOR DURING NARCOSIS. [1961]
Sp. (2 figs. omitted) 2 refs.
Order from OTS or SLA \$1.10

62-10713

Trans. of Byull[eten'] Eksp[erimental'noi] Biol[ogii]
i Med[itsiny] (USSR) 1955, v. 39, no. 2, p. 21-23.

DESCRIPTORS: Nervous system, Reflexes, *Stimula-
tion, Dilation, *Stomach, *Blood pressure,
*Respiration, Drugs, Vasomotor drugs, *Anesthetics.

The blood pressure and respiratory rate of 28 cats
were determined before and after distention of the
stomach with air. The blood pressure and respira-
tory rate rose during this procedure. A transition of
the pressor reaction to depressor reaction did not
occur when the force and duration of the dilation was
increased nor when the sciatic nerve was electrically
(Biological Sciences--Neurology, TT, v. 8, no. 10)
(over)

Office of Technical Services

Disturbances of Diurnal and Nocturnal Variations
of Several Physiological Functions in Neurosis, by G
G. O. Magakyan, D. I. Miminoshvili, 3 pp.

RUSSIAN, per, ~~Bulleten Eksperimental'noi Biologii~~
~~i Meditsiny~~, Vol ~~XX~~, No 3, 1955, pp 27-29.

VI
NIH 9-18-61

Sci - Med

Jan 62

178, 795

Turnsbekov, B.
SUBLINGUAL NERVE AS A SENSORY NERVE OF THE
TONGUE. [1962] 9p.
Order from K-II \$11.25

K-II 5225 b

Trans. of [Byulleten' Eksperimental'noi Biologii i
Meditsiny] (USSR) 1955, v. 39, no. 5, p. 32-35.

DESCRIPTORS: *Nerves, *Tongue, *Taste, Anatomy.

(Biological Sciences--Anatomy, TT, v. 9, no. 4)

62-22813

- I. Turnsbekov, B.
- II. K-II-5225-b
- III. Kresge-Hooker Library
Associates, Detroit,
Mich.

Office of Technical Services

The Effect of Anticancer Serum on Cell Division
in Cancerous Tumors, by V. N. Dobrokhotov, 4 pp.

RUSSIAN, per, Bull Eksptl Biol Med. Vol XXXIX, No 3,
1955, pp 59-62.

ATB 27HL3R

Sci - Medicine
Nov 57

34, 865

(FDD 25037)

Investigation of Gustatory and Olfactory Functions
by the Method of Vascular Reflexes in Patients With
Cerebral Blood Circulation Disorders (USSR), by
S. D. Rolle, 8 pp.

RUSSIAN, no per, Byul Eksper Biol i Med, Vol XXXIX,
No 4, Moscow, Apr 1955, pp 32-35.

CIA/FDD/U-7274

USSR
Sci - Medicine
CTS 72/Sep 55

28,533

(FDD 27577)

The Influence of 2,4-Dinitrophenol and Its Isomers on
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